GIS Curriculum for PMGSY



Last Updated: Dec. 2020



Intended Audience:

NRIDA YCEs

GIS Nodal Officers (State)

GIS Analysts (State)

Module 1



Module 2



Module 3



Module 4



Module 5



M1- Exercise - 0 - Installation of QGIS



QGIS is a free and open-source software for creating, editing, visualizing, analyzing and publishing geospatial data. With this GIS application, you can create digital maps on your computer, create new spatial information to add to a map, create printed maps customized to your needs and perform spatial analysis.

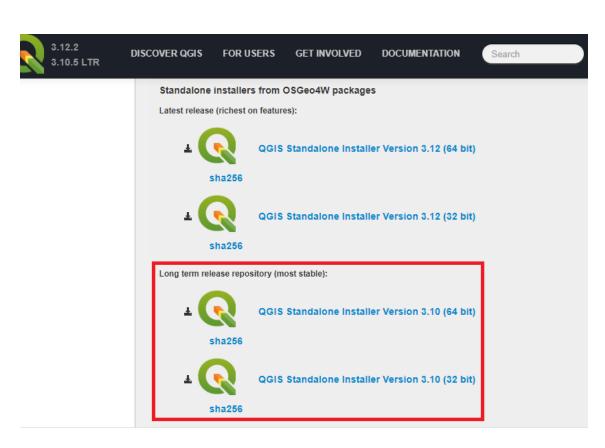
Steps to Install:

- Please download setup for QGIS using following link: https://qgis.org/en/site/forusers/download.html
- 2. From the below 2 options, Please select LTR (Long Term Release) stable version of **QGIS 3.10** for all exercises.

Latest release (richest on features): Contains the latest features, but may not be bug-free.

Long term release repository (most stable): Long term support version with non-changing user interface and API.

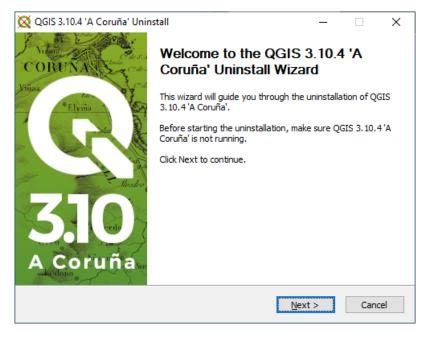
Please Note: You do not need to uninstall older version of QGIS if you have any one in your system.



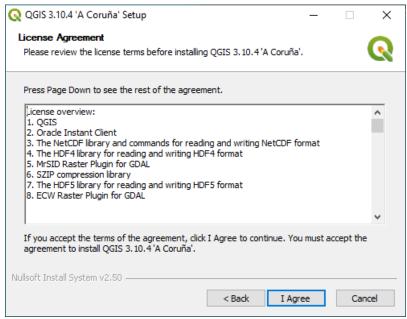
Installation of QGIS



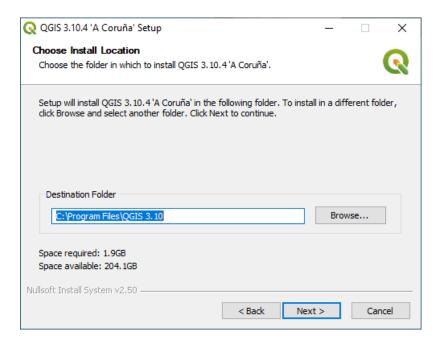
3. After downloading the setup file, execute the file and start installation by simply clicking "Next".



4. In next window click on "I Agree" to accepting License Agreement.



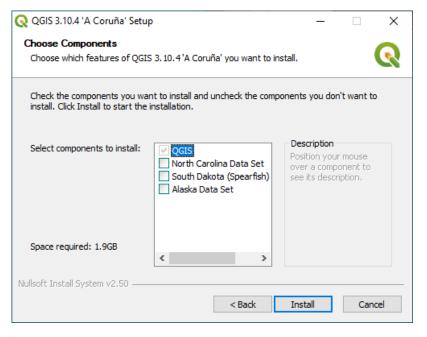
5. Don't change destination Folder if it is not required then click on 'Next'



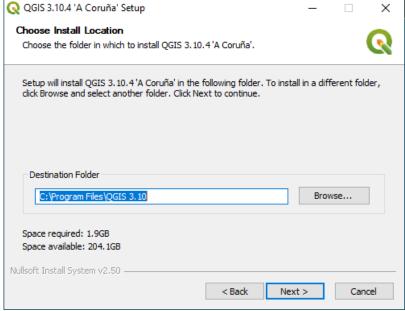
Installation of QGIS



6. There is no need to install the additional data sets. Simply click on 'Install'



7. Click 'Next' to begin installation



8. The installation will take a few minutes to complete

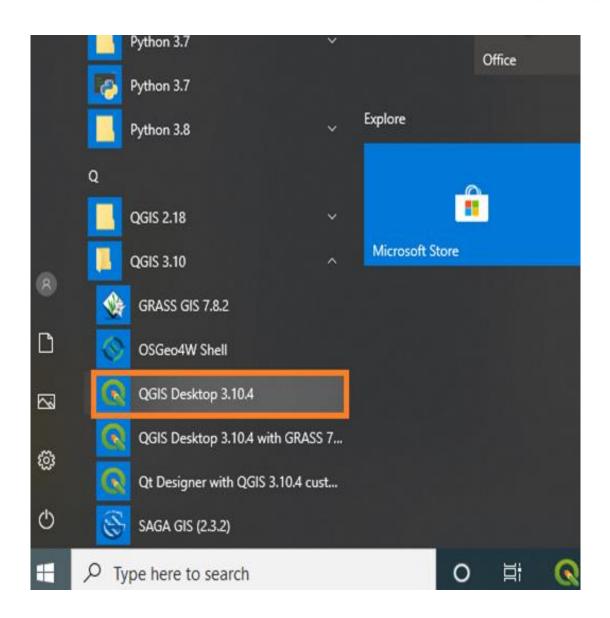
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Installing Please wait while QGIS 3.10.4 'A Coruña' is be	eing installed.			Q
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Installation of QGIS



- 9. Once QGIS has finished installation
- Click on the Windows Start icon at the bottom left of your screen and
- Double click on the QGIS desktop icon to open QGIS





QGIS – Home Screen

2 Menu Bar: Provides access to various QGIS features using a standard hierarchical menu like Project, Edit, View etc.



3 Data Layer Panel / Map Legend: Lists all the data layers in the project. This area also allows to change style or label the layer, Grouping and filtering the feature.

5 Map View:

The map displayed in this window will depend on the vector and raster layers you have chosen to load

